

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14	US-1489941-\$.DID. OR US-2435520-\$.DID. OR DE-4320405-\$.DID. OR DE-3827508-\$.DID. OR WO-2005002775-\$.DID. OR WO-2005002775012005-\$.DID. OR US-2120692-\$.DID. OR DE-19738785-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/13 12:00
S2	14	US-1489941-\$.DID. OR US-2435520-\$.DID. OR DE-4320405-\$.DID. OR DE-3827508-\$.DID. OR WO-2005002775-\$.DID. OR WO-2005002775012005-\$.DID. OR US-2120692-\$.DID. OR DE-19738785-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/13 12:00
S3	4	US-1489941-\$.DID. OR US-199015D-\$.DID. OR US-2435520-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/13 12:01
S4	6	DE-4320405-\$.DID. OR DE-3827508-\$.DID. OR WO-2005002775-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/13 12:01
S5	17	US-1489941-\$.DID. OR US-2435520-\$.DID. OR US-1478628-\$.DID. OR EP-1384547-\$.DID. OR JP-2004050292-\$.DID. OR DE-4320405-\$.DID. OR DE-3827508-\$.DID. OR WO-2005002775-\$.DID. OR US-1301200-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/13 12:02
S6	20	US-4837420-\$.DID. OR US-6191686-\$.DID. OR EP-0247064-\$.DID. OR WO-8700470-\$.DID. OR JP-63500853-\$.DID. OR WO-0138034-\$.DID. OR US-1644301-\$.DID. OR EP-1253990-\$.DID. OR EP-1410868-\$.DID. OR US-3693858-\$.DID. OR JP-48025633-\$.DID. OR DE-4320405-\$.DID. OR EP-1384547-\$.DID. OR US-2435520-\$.DID. OR US-1478628-\$.DID. OR JP-2004050292-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2009/03/13 12:03
S7	4	"03017244"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	ADJ	OFF	2009/03/13 13:33
S8	5	(03/017244).APP.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2009/03/13 13:34
S11	2	"20040169025"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/03/13 13:40

S13	4312	(219/137.2,137.44,137.51,137.31,121.11,136,124.34,137.63,145.1,59.1,60R,130.1,76.15,136,137.9).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 14:06
S14	700	(901/42,41).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/13 14:07
S16	152	S13 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:08
S17	147	S16 and (weld\$4 wire\$2 or device\$2 or hous\$4 or core\$2 or deflect\$4 or coupl\$4 mechani\$4 or hos\$4 or storag\$4 or lock\$4 or apparatus or feeder\$2 or torch\$2 or interrupt\$4 or connect\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:14
S18	138	S17 and (weld\$4 wire\$2 or device\$2 or hous\$4 or core\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:15
S19	64	S18 and (weld\$4 wire\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:16
S20	3429	S13 and (weld\$4 wire\$2 or device\$2 or hous\$4 or core\$2 or deflect\$4 or coupl\$4 mechani\$4 or hos\$4 or storag\$4 or lock\$4 or apparatus or feeder\$2 or torch\$2 or interrupt\$4 or connect\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:53
S21	2522	S20 and (weld\$4 wire\$2 or device\$2 or hous\$4 or core\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:54
S22	737	S21 and (weld\$4 wire\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:55
S23	737	S22 and (wire\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/13 14:55
S24	1407899	"23" and (wire feeder hous\$4 or storage or buffer\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:17
S25	4312	(219/137.2,137.44,137.51,137.31,121.11,136,124.34,137.63,145.1,59.1,60R,130.1,76.15,136,137.9).CCLS	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/15 16:17
S26	3429	S25 and (weld\$4 wire\$2 or device\$2 or hous\$4 or core\$2 or deflect\$4 or coupl\$4 mechani\$4 or hos\$4 or storag\$4 or lock\$4 or apparatus or feeder\$2 or torch\$2 or interrupt\$4 or connect\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:17
S27	2522	S26 and (weld\$4 wire\$2 or device\$2 or hous\$4 or core\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:17
S28	737	S27 and (weld\$4 wire\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:17
S29	737	S28 and (wire\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:17
S30	129	S29 and (wire feeder hous\$4 or storage or buffer\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:17
S31	56	S30 and wire feeder	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/15 16:20

S32	4	((("DE19738785") or ("3827508") or ("4320405") or ("1489941")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/15 17:02
S36	18	((("3827508") or ("4320405") or ("1489941")).PN. or (19/738785).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2009/03/15 17:03
S37	1	EP-1708842-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/10/26 07:42
S38	1	EP-1708842-\$.DID.	DERWENT	ADJ	OFF	2009/10/26 07:43
S39	1	2005-542254.NRAN.	DERWENT	ADJ	ON	2009/10/26 07:43
S40	1	"20070151964"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/02 15:30
S41	13	((("4667083") or ("5338917") or ("3594534") or ("4600824") or ("20030034337") or ("6225599")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/19 10:05
S42	1	("20070151964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/05/19 10:17
S43	46	(US-20030034337-\$ or US-20020014477-\$ or US-20070151964-\$).did. or (US-3693858-\$ or US-4757180-\$ or US-4539465-\$ or US-6462309-\$ or US-6225599-\$ or US-6207921-\$ or US-6200519-\$ or US-6172333-\$ or US-6137081-\$ or US-6066833-\$ or US-6066832-\$ or US-5981896-\$ or US-5874709-\$ or US-5857141-\$ or US-5844201-\$ or US-5789717-\$ or US-5782987-\$ or US-5736712-\$ or US-5584426-\$ or US-5440100-\$ or US-5338917-\$ or US-4864099-\$ or US-4845336-\$ or US-4667083-\$ or US-4600824-\$ or US-4532406-\$).did. or (US-4496823-\$ or US-4347427-\$ or US-4206862-\$ or US-4196333-\$ or US-4160151-\$ or US-4143257-\$ or US-4102483-\$ or US-3999033-\$ or US-3832520-\$ or US-3744694-\$ or US-3694620-\$ or US-3594534-\$ or US-3248515-\$ or US-2694130-\$).did. or (US-3305664-\$ or US-3281571-\$ or US-3248515-\$).did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/07/30 09:16
S44	2	S43 and (wire buffer or wire core)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/30 09:17
S45	167938	("219").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/30 09:18
S46	436	S45 and (wire buffer or wire core)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/07/30 09:18

S47	27	S45 and (wire buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2010/07/30 09:18
S48	20085	weld\$3 wire	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2010/07/30 09:24
S49	33	S48 and (wire buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2010/07/30 09:24
S50	10994	weld\$3 wire	EPO; JPO; DERWENT	ADJ	ON	2010/07/30 09:28
S51	3	S50 and (wire buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2010/07/30 09:29
S52	1	SU-1489941-\$,DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	OFF	2010/10/12 15:44
S53	1283	(219/137.2,137.71,137.31,137.51,137.63).QLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2010/10/12 16:03
S54	64	S53 and (weld\$3 wire with storage or buffer)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/12 16:05
S55	66	S53 and (weld\$3 wire with storage or buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	ADJ	ON	2010/10/12 16:05
S58	168521	("219").QLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	OFF	2010/10/12 16:26

S59	2129	S58 and (weld\$3 wire with storage or buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 16:26
S60	1	S59 and (wire core and angular sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 16:28
S61	5	S59 and (wire core and sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 16:29
S62	3	S59 and (wire core with detect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 16:35
S63	47451	"242"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/12 16:35
S64	47451	"242"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:22
S65	1518	S64 and (weld\$3 wire with storage or buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:22
S67	17	S65 and (between near apparatus or torch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:24
S68	935	S65 and (between near torch or apparatus or feeder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:25

S69	14	S65 and (between near feeder or torch)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:25
S70	2	"20040011776"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:35
S71	2	S70 and (between near torch or apparatus or feeder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:38
S72	1	S70 and (weld\$3 wire with storage or buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:38
S73	1	S72 and (between near torch or apparatus or feeder)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 10:39
S74	1	"2001229196"	JPO	ADJ	ON	2010/10/13 10:56
S77	5	"0207615"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 11:05

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